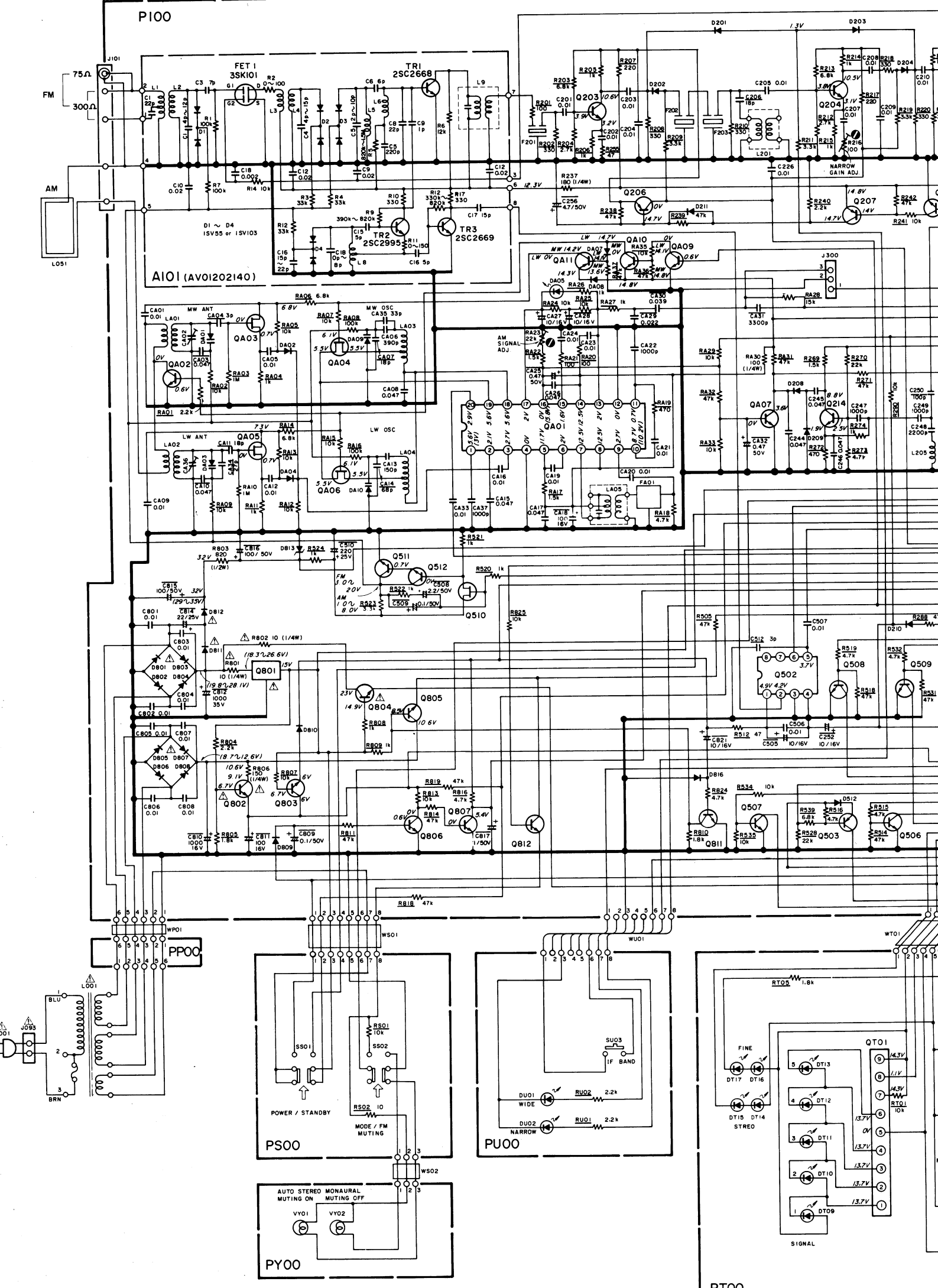
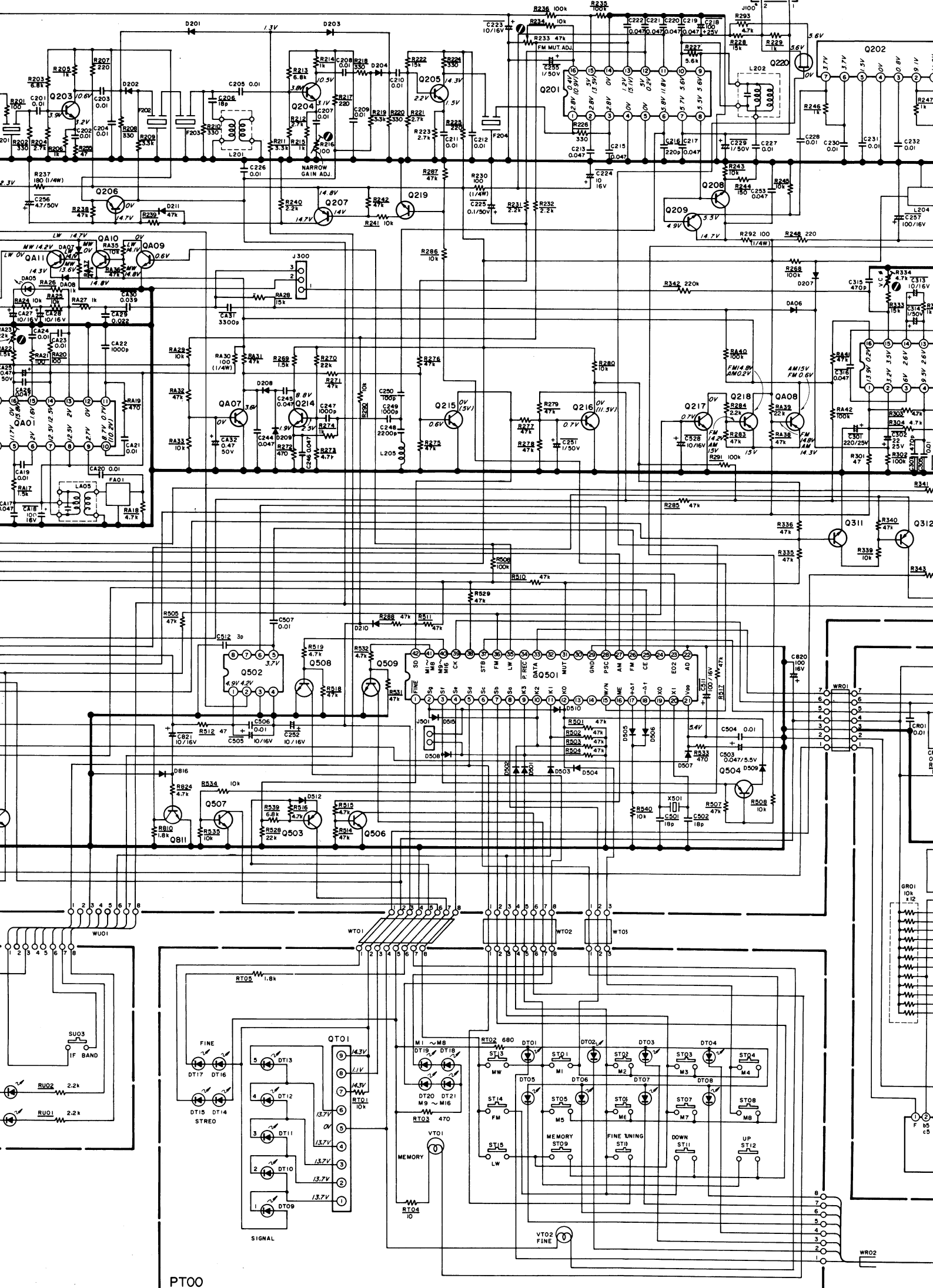
marantz®

SCHEMATIC DIAGRAM FOR Model ST-54L

NOTE ON SAFETY :
Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.


P100
A101 (AV01202140)
PP00
PS00
PU00
PY00
PT00
POWER / STANDBY
MODE / FM MUTING
AUTO STEREO MONAURAL MUTING ON
MUTING OFF
WIDE
NARROW
IF BAND
STEREO
SIGNAL
FINE
NARROW GAIN ADJ.
AM SIGNAL ADJ
FM
AM
MW ANT
LW ANT
MW OSC
LW OSC


PT00
NARROW GAIN ADJ.
FM MUT. ADJ
L201
L202
L204
L205
J300
J100
D201
D202
D203
D204
D205
D206
D207
D208
D209
D210
D211
D501
D502
D503
D504
D505
D506
D507
D508
D509
D510
D512
D515
D516
D801
D802
D816
Q201
Q202
Q203
Q204
Q205
Q206
Q207
Q208
Q209
Q214
Q215
Q216
Q217
Q218
Q219
Q220
Q311
Q312
Q501
Q502
Q503
Q504
Q506
Q507
Q508
Q509
Q811
QA01
QA07
QA08
QA09
QA10
QA11
LA01
LA05
FA01
F201
F202
F203
F204
X501
WR01
WR02
WU01
WT01
WT02
WT03
GR01
CR01
SU03
IF BAND
RU01
RU02
QT01
VT01
VT02
RT01
RT02
RT03
RT04
RT05
DT01
DT02
DT03
DT04
DT05
DT06
DT07
DT08
DT09
DT10
DT11
DT12
DT13
DT15
DT16
DT17
DT18
DT19
DT20
DT21
ST01
ST02
ST03
ST04
ST05
ST06
ST07
ST08
ST09
ST10
ST11
ST12
ST13
ST14
ST15
SIGNAL
STEREO
MEMORY
FINE TUNING
DOWN
UP
FINE
MW
LW
FM
AM
M1
M2
M3
M4
M5
M6
M7
M8
M1 ~M8
M9 ~M16

QA01

LA1245

QT01

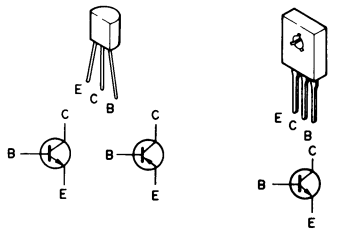
AN6876

Q201

LA123IN

Q202

μPC1163H



Q301

KB4437

2SD1302(S,T)
2SC1740S(R or S) 2SA933SP(R or S) 2SD985(L.K)
2SC1047C

Q501

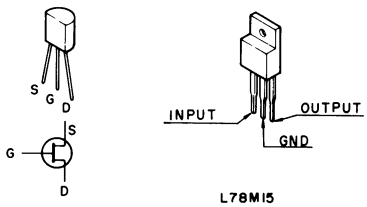
μPD1712CU-529

Q502

μPB553AC

Q801

NJM78M15A



L78M15

QR01 Q203～Q205 Q208～Q211

TC9180N

2SC1047C

2SK30A(Y)

QA03, QA05

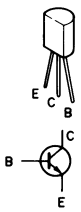
2SK55D

TOP VIEW
μPD553AC

QA02

2SD1302(S,T)

QA04, QA06, Q302, Q510
Q220
2SK30A (Y)

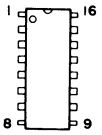


QA07, Q212, QA09
Q214～Q217, Q219, Q303,
Q304, Q307～Q311, Q506
Q507～Q509, Q511, Q512
Q803, Q806, Q807, Q811, Q812

2SC536SP(F,G), 2SC2458(Y,GR), etc

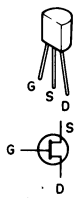
2SD863(E)

TOP VIEW
LA123IN



QA08, QA10, QA11, Q206
Q207, Q213, Q218, Q305
Q306, Q312, Q503, Q504

2SA1048(Y,GR), 2SA608SP(F,G), etc



Q802, Q804

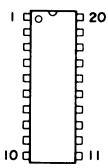
2SD863 (E)

Q805

2SD985(L,K)

2SK55D

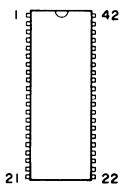
TOP VIEW
LA1245



TOP VIEW
μPD1712CU-529

DA02, DA04, DA06, DA07
DA08, D201, D202, D203
D204, D205, D206, D207
D208, D209, D210, D211, D501
D502, D503, D504, D505
D506, D507, D508, D509
D510, D512
D515, D809
D810, D816, DR01, DR02

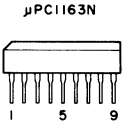
ISS133, ISS176, MA165, etc



DT01～DT08

SLP-981C-50

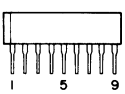
FRONT VIEW
μPC1163N



DT09～DT17, DU01, DU02
DA05

GL-9PR26

FRONT VIEW
AN6876



D811, D812, D801～D808

RL103E, DSF10C

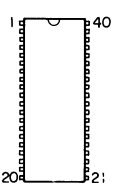
DA01, DA03, DA09, DA10

SVC321SP

D813

RD24E

TOP VIEW
TC9180N



DT18～DT21

SEL1121R

**SERVICE INFORMATION IS FOR USE BY QUALIFIED RERSONNEL ONLY –
ANY MISADJUSTMENT OR MISALIGNMENT MAY BE TREATED AS A NON-WARRANTY
REPAIR BY ANY MARANTZ SERVICE CENTRE – "**

Kind of Common Parts

RESISTOR

R*** (1) GD05 - - - 140, Carbon film fixed resistor, ±5% 1/4W
R*** (2) GD05 - - - 160, Carbon film fixed resistor, ±5% 1/6W

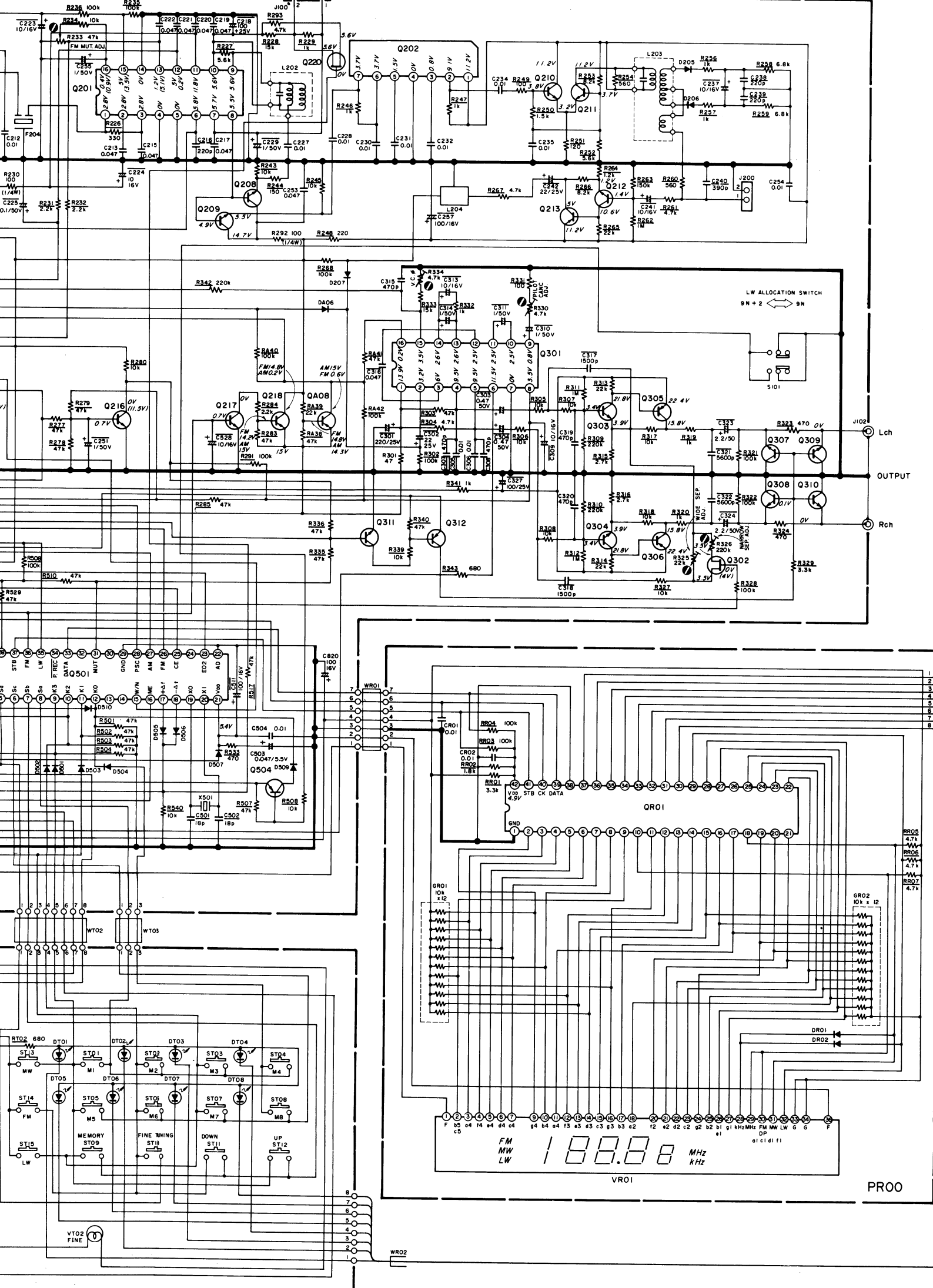
C*** : **CERAMIC CAP.**
(1) DD1 - - - - 370, Ceramic condenser,
disc type (titan condenser)
Temp. coeff. P350 ~ N1000 50V

C*** : **CERAMIC CAP.**
(1) DK16 - - - 300, High dielectric constant ceramic condenser,
disc type (titan variable)
Temp. chara. 2B4 50V

C*** : **ELECTROLY CAP. (≠) / FILM CAP. (≒)**
(1) EA - - - - - - 10, Electrolytic condenser,
one-way lead type, tolerance ±20%
(2) DF15 - - - 350, Plastic film condenser,
one-way type, Mylar, ±5% 50V

* In case of ordering the common parts, please establish the correct parts number of 10 figures by the procedure "ASSIGNMENT OF COMMON PARTS CODES"

363H856010 1987/1


LW ALLOCATION SWITCH
9N+2 ⟺ 9N
Lch
OUTPUT
Rch
FM MUT. ADJ
WIDE ADJ
SEP. ADJ
FM
MW
LW
MHz
kHz
MEMORY
FINE TUNING
DOWN
UP
PR00